

## **MULTIPLEX ANALYSIS OF PROTEINS**

### **ABSTRACT OF THE DISCLOSURE**

**[0193]** Several related methods for multiplexed detection of one or more posttranslational modifications of a plurality of proteins are provided. Methods for detecting one or more nucleic acid binding proteins are also provided. Use of such methods (e.g., methods of detecting phosphorylation of protein kinases) for diagnosis, prognosis and monitoring of disease is also included. Compositions, systems and kits that relate to each of the methods are described.